



Sensors > Position Sensors > Potentiometric Sensors > Cable Actuated Position Sensors > CABLE ACTUATED POSITION STOCK LIST



Cable Actuated Position Sensor Product Type: **SP Series, String Pots**

Full Stroke Ranges: 101.6 – 1270 mm [ 4 – 50 in ]

Output Signal: **Voltage Divider (Potentiometric)**

Cable Actuated Position Sensor Accuracy: **.25 % of FS**

Repeatability: **.02 % of FS**

[All CABLE ACTUATED POSITION STOCK LIST \(18\)](#)

**Features**

**Product Type Features**

Cable Actuated Position Sensor Product Type	SP Series, String Pots
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**Signal Characteristics**

Output Signal	Voltage Divider (Potentiometric)
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**Body Features**

Cable Actuated Position Sensor Housing Material	Polycarbonate + Stainless Mounting Bracket
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**Usage Conditions**

Operating Temperature Range	-40 – 71 °C[-40 – 160 °F]
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**Operation/Application**

Resolution	Continuous Analog mm
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**Industry Standards**

IP Rating	IP50
Hazardous Area Approvals	No

**Other**

Full Stroke Ranges	101.6 – 1270 mm[4 – 50 in]
Cable Actuated Position Sensor Accuracy	.25 % of FS



Repeatability	.02 % of FS
Encoder Drive	No
Measuring Cable	Nylon-Coated Stainless Steel

### Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2021 (211) Candidate List Declared Against: JUN 2020 (209) SVHC > Threshold: Not Yet Reviewed
Halogen Content	Not Yet Reviewed for halogen content
Solder Process Capability	Not reviewed for solder process capability

#### Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

### Compatible Parts



TE Part # CAT-SE594-M1GG  
M12 A-CODE FEMALE STRAIGHT PIGTAIL



TE Part # CAT-CAPS0000  
CABLE ACTUATED POSITION STOCK LIST



TE Part # 9036810-0040  
CONN,PLUG,STRGHT,4COND,5M, SC4

### Also in the Series | MEAS SP



Cable Actuated Position Sensors(26)

## Customers Also Bought



TE Part #1-5229912-1  
IDC D-Sub: Connector Kit, Plug, Signal, 2.16 mm



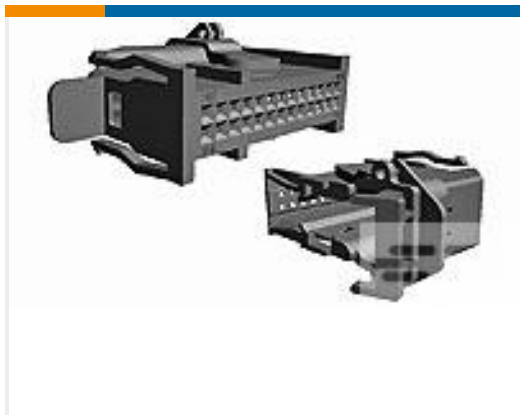
TE Part #1-5229913-1  
IDC D-Sub: Receptacle Kit, Signal, 50, 2.16 mm



TE Part #1438299-4  
GET .64 CONNECTOR SYSTEM, RECEPT AND TAB



TE Part #0471982001  
Dual Wall DSPL Stick Heat Shrink Tubing



TE Part #1326226-1  
32WAY LAC SHIELD ASSEMBLY 70 D



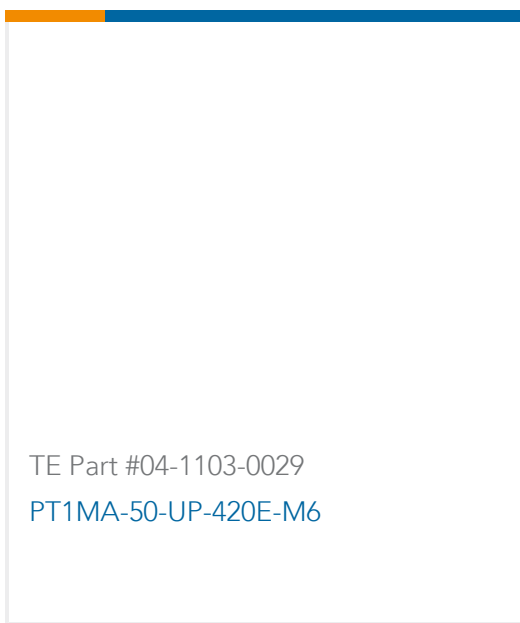
TE Part #SR1M-125  
STRING POT, 125 INCH RANGE



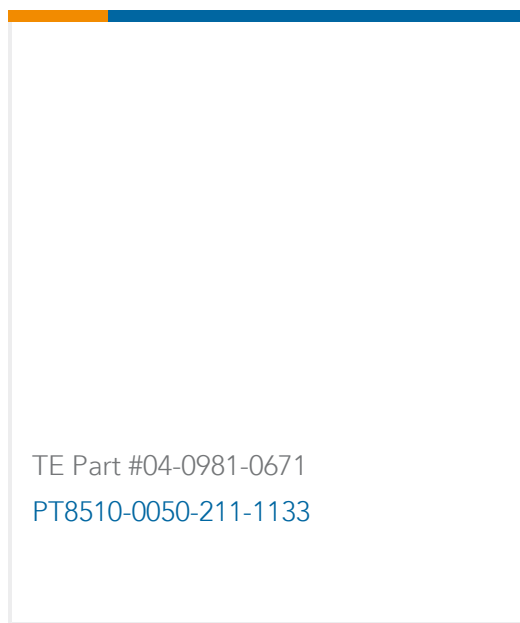
TE Part #04-0760-0012  
PT101-0060-111-1110



TE Part #04-1103-0961  
PT1MA-30-UP-420R-C25-SG



TE Part #04-1103-0029  
PT1MA-50-UP-420E-M6



TE Part #04-0981-0671  
PT8510-0050-211-1133

## Documents

### CAD Files

[3D PDF](#)

[3D](#)

### Customer View Model

[ENG\\_CVM\\_CVM\\_SP1-4\\_1.2d\\_dxf.zip](#)

English

### Customer View Model

[ENG\\_CVM\\_CVM\\_SP1-4\\_1.3d\\_igs.zip](#)



English

Customer View Model

[ENG\\_CVM\\_CVM\\_SP1-4\\_1.3d\\_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

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## Datasheets & Catalog Pages

[SP1](#)

English